



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Cristina Gomila et al.  
Serial No. : 10/556,834  
Filed : November 15, 2005  
For : METHOD AND APPARATUS FOR REPRESENTING IMAGE  
: GRANULARITY BY ONE OR MORE PARAMETERS  
Examiner : Not Yet Assigned  
Art Unit : 1756

INFORMATION DISCLOSURE STATEMENT

- [XX] 1 Pursuant to 37 CFR 1.97(b)  
[within 3 months of filing or prior to 1st Office Action]
- [ ] 2 Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]
- [ ] 3 Pursuant to 37 CFR 1.97(d)  
[after Final Office Action or Allowance, but prior to payment of Issue Fee]

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- [XX] 4 A list of documents on form PTO/SB/08a and/or PTO/SB/08b together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- [XX] 5 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- [ ] 6 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
- [ ] (a) The required certification made in item 8(a) below; **OR**
- [ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below.
- [ ] 7 37 CFR 1.97(d): [after Final Office Action or Allowance, but prior to payment of Issue Fee]; and
- [ ] (a) The required Certification made in item 8(a) below; **AND**
- [ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below.

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[ ] 8 Certification

- [ ] (a) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- [ ] (b) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

[XX] 9 Please charge the applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0832. An original and one (1) copy of this document is enclosed.

Respectfully submitted,

CRISTINA GOMILA ET AL.

By: 

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DATE: 5/16/07

Certificate of Mailing

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Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	3
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**Complete if Known**

<b>Application Number</b>	10/556834
<b>Filing Date</b>	NOVEMBER 15, 2005
<b>First Named Inventor</b>	CRISTINA GOMILA ET AL
<b>Group Art Unit</b>	1756
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	PU030152

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner (Initials)	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Y <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
(KP)		EP	EP0622000		FABER	10-15-1992		
		EP	EP1175091		PRZYBORSKI ET AL.	01-23-2002		
		EP	EP1215624		EASTMAN KODAK COMPAN <sup>6</sup>	06-19-2002		
		WO	WO0146992		BROWN UNIVERSITY RESEA	06-28-2001		
		WO	WO0177871		DEMOGRAFX	10-18-2001		
		WO	WO2004104931		THOMSON LICENSING S.A.	12-02-2004		
		WO	WO9314591		FABER	07-22-1993		
		WO	WO9520292		PRZYBORSKI ET AL.	07-27-1995		
		WO	WO9722204		PRZYBORSKI	06-19-1997		

Examiner Signature	/Kanjibhai Patel/	Date Considered	07/28/2008
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	10/556834
		<b>Filing Date</b>	NOVEMBER 15, 2005
		<b>First Named Inventor</b>	CRISTINA GOMILA ET AL.
		<b>Group Art Unit</b>	1756
		<b>Examiner Name</b>	
<b>Sheet</b>	2	of	3
		<b>Attorney Docket Number</b>	PU030152

<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
/KP/		. AL-SHAYKH ET AL, "Lossy Compression of Images Corrupted by Film Grain Noise," School of Electrical and Computer Engineering, 1996 IEEE.	
/KP/		. AL-SHAYKH ET AL, "Restoration of Lossy Compressed Noisy Images," IEEE Transactions on Image Processing, Vol. 8, No. 10, October 1999.	
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/KP/		. ILLINGWORTH ET AL, "Vision, Image and Signal Processing," The Institution of Electrical Engineers, IEE Proceedings, June 2000, Vol. 147, No. 3.	
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/KP/		. OKTEM ET AL, "Transform Domain Algorithm for Reducing Effect of Film-Grain Noise in Image Compression," Electronics Letters, October 14, 1999, Vol. 35, No. 21.	

<b>Examiner Signature</b>	/Kanjibhai Patel/	<b>Date Considered</b>	07/28/2008
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		Group Art Unit	1756
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	PU030152

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/KP/		, PRADES-NEBOT ET AL., "Rate Control for Fully Fine-Grained Scalable Video Coders," Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671 (2002) SPIE 0277-786X/02.	
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/KP/		PENG ET AL., "Adaptive Frequency Weighting for Fine-Granularity-Scalability," Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671 (2002) SPIE 0277-786X/02, pp. 840-849.	

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